Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A method for transmission of traffic streams over a common transmission channel, ~~of which~~wherein data comes into a buffer connected upstream of the transmission channel, comprising:

———defining a guaranteed bandwidth for the transmission of packets of one of the traffic streams over the transmission channel with which is a minimum bandwidth used to transmit packets of the traffic stream over the transmission channel; and

———defining a maximum bandwidth for the transmission of packets of the traffic stream over the transmission channel with which the packets of the traffic stream will be transmitted over the transmission channel[[,]] where packets of the traffic stream which come into a buffer with a transmission rate lying below the guaranteed bandwidth for the traffic stream in the common transmission channel, are timed for transmission over the transmission channel before the packets of the traffic stream which come into the buffer with a transmission rate lying above the guaranteed bandwidth,

———wherein packets of the traffic stream which come into a buffer with a transmission rate lying below the maximum bandwidth for the traffic stream in the transmission channel are ~~times~~ timed for transmission over the transmission channel before the packets of the traffic stream which have arrived in the buffer with a transmission rate lying above the maximum bandwidth of the traffic channel in the transmission channel.

Claim 2. (previously presented) The method in accordance with Claim 1, wherein, if the transmission channel is occupied by a number of traffic streams, each with a guaranteed bandwidth, a further traffic stream for transmission over the common transmission channel will be allowed if a sum of the guaranteed bandwidths and the requested bandwidth of the further traffic stream is a maximum of equal to a product of a prespecified quality constant with which an overall traffic channel bandwidth available to the transmission channel.

Claim 3. (previously presented) The method in accordance with claim 1, wherein, the constant is equal to one.

Claim 4. (previously presented) The method in accordance with claim 1, wherein the constant is greater than one.

Claim 5. (previously presented) The method in accordance with claim 1, wherein, the constant is less than one.

Claim 6. (previously presented) The method in accordance with claim 1, wherein the traffic channel is a mobile radio channel for payload data.

Claim 7. (previously presented) The method in accordance with claim 1, wherein the traffic channel passes through a UMTS GATEWAY.

Claim 8. (previously presented) The method in accordance with claim 1, wherein, timing priority of a packet to be transmitted over the common transmission channel before other packets is stored in a header of the packet.

Claim 9. (previously presented) The method in accordance with claim 1, wherein more than 1000 traffic channels run over the transmission channel.

Claim 10. (currently amended) A device for transmitting traffic streams over a common transmission channel, wherein data comes into a buffer connected upstream of the transmission channel, the device ~~executing the method in accordance with claim 1~~performing the steps comprising:

defining a guaranteed bandwidth for the transmission of packets of one of the traffic streams over the transmission channel with which is a minimum bandwidth used to transmit packets of the traffic stream over the transmission channel; and

defining a maximum bandwidth for the transmission of packets of the traffic stream over the transmission channel with which the packets of the traffic stream will be transmitted over the transmission channel, where packets of the traffic stream which come into a buffer with a transmission rate lying below the guaranteed bandwidth for the traffic stream in the common transmission channel are timed for transmission over the transmission channel before the packets of the traffic stream which come into the buffer with a transmission rate lying above the guaranteed bandwidth,

wherein packets of the traffic stream which come into a buffer with a transmission rate lying below the maximum bandwidth for the traffic stream in the transmission channel are timed for transmission over the transmission channel before the packets of the traffic stream which have arrived in the buffer with a transmission rate lying above the maximum bandwidth of the traffic channel in the transmission channel.